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> Sun Joe 24V-MJ14C Mower & SBJ597E Blower Instruction Manual

Sun Joe 24V-MJ14C, SBJ597E

Sun Joe 24V-MJ14C Cordless Lawn Mower & SBJ597E Electric Blower Instruction Manual

INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Sun Joe 24V-MJ14C Walk-Behind Cordless Push Lawn Mower and Sun Joe SBJ597E All Purpose Electric Blower. Please read this manual thoroughly before initial use and retain it for future reference.



Image: The Sun Joe 24V-MJ14C Cordless Lawn Mower, SBJ597E Electric Blower, 4.0-Ah Battery, and Charger.

SAFETY INFORMATION

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Read the Manual:** Familiarize yourself with all controls and proper usage before operation.
- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, and sturdy footwear. Long pants are recommended.
- **Keep Area Clear:** Ensure the work area is free of debris, children, and pets.

- **Disconnect Power:** Always remove the battery from the mower or unplug the blower before performing any adjustments, cleaning, or maintenance.
- **Avoid Wet Conditions:** Do not operate the mower or blower in wet grass or rain.
- **Battery Safety:** Use only the specified battery and charger. Do not expose batteries to extreme temperatures or water.

PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- Sun Joe 24V-MJ14C Walk-Behind Cordless Push Lawn Mower
- Sun Joe SBJ597E All Purpose Electric Blower
- 24-Volt 4.0-Ah Lithium-Ion Battery
- Battery Charger
- Grass Collection Bag (for mower)
- Instruction Manual (this document)



Image: The Sun Joe 24V-MJ14C Cordless Lawn Mower, including its 4.0-Ah battery and charger.

SETUP

Mower Assembly

1. **Handle Assembly:** Attach the upper handle to the lower handle using the provided knobs and bolts. Ensure the handle is securely fastened.
2. **Grass Collection Bag:** Assemble the grass collection bag according to the instructions in the detailed manual. Hook the bag onto the mower's rear discharge opening.

Battery Charging + Installation

The 24-Volt 4.0-Ah lithium-ion battery requires charging before first use.

1. Connect the charger to a standard electrical outlet.

2. Insert the battery into the charger. The indicator light on the charger will show charging status. A full charge typically takes approximately 2 hours and 40 minutes.
3. Once fully charged, remove the battery from the charger.
4. To install the battery in the mower, open the battery compartment cover. Slide the battery into the slot until it clicks into place. Close the cover securely.

Blower Assembly

The SBJ597E Electric Blower typically requires minimal assembly, usually just attaching the nozzle.

1. Align the blower nozzle with the main housing.
2. Twist or push the nozzle until it locks securely into position.

OPERATING INSTRUCTIONS

Lawn Mower Operation



POWERFUL 600-WATT BRUSHLESS MOTOR

Image: Close-up of the Sun Joe 24V-MJ14C Mower highlighting its 600-watt brushless motor.

- **Starting:** Insert the safety key into its slot. Press and hold the safety lock-out button, then pull the bail switch lever towards the handle. Release the safety lock-out button once the motor starts.
- **Stopping:** Release the bail switch lever. The motor will stop.

- **Height Adjustment:** The mower features 3-position height adjustment. Locate the height adjustment lever/knob on the mower wheels or deck. Adjust to your desired cutting height, ranging from 1.18 inches to 2.52 inches.
- **Mowing Technique:** For best results, mow in straight, overlapping passes. Avoid mowing wet grass, as it can clog the mower and lead to an uneven cut.
- **Grass Collection:** The detachable 10.6-gallon grass bag collects clippings. Empty the bag regularly to maintain optimal performance and prevent clogging.

Electric Blower Operation



Image: A person using the Sun Joe SBJ597E Electric Blower to clear leaves from a paved surface.

- **Starting:** Connect the blower's power cord to a suitable outdoor extension cord (14 gauge recommended). Plug the extension cord into a power outlet. Press the ON/OFF switch to the 'ON' position.
- **Stopping:** Press the ON/OFF switch to the 'OFF' position. Unplug the unit from the power outlet.
- **Usage:** The blower is ideal for light-duty household applications such as sweeping porches, patios, walkways, decks, and garages. Direct the nozzle towards the debris you wish to clear.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Sun Joe tools.

Lawn Mower Maintenance



Image: A detailed view of the 14-inch durable steel blade of the Sun Joe lawn mower.

- **Cleaning:** After each use, disconnect the battery and clean the mower deck and blade area. Remove any accumulated grass clippings and debris. Use a damp cloth; do not use harsh chemicals.
- **Blade Care:** Periodically inspect the 14-inch steel blade for sharpness and damage. A dull or damaged blade can affect cutting performance. Refer to the full manual for blade sharpening or replacement instructions.
- **Storage:** The mower features a folding, collapsible handle for easy storage. Store the mower in a cool, dry place, away from direct sunlight and moisture.

Electric Blower Maintenance

- **Cleaning:** Wipe down the exterior of the blower with a damp cloth. Ensure air vents are clear of obstructions.
- **Storage:** Store the blower in a dry, protected area when not in use.

Battery and Charger Maintenance

- **Charging:** Always charge the battery in a well-ventilated area.
- **Storage:** Store the battery in a cool, dry place, ideally with a partial charge, if storing for extended periods.

TROUBLESHOOTING

If you encounter issues, consult this section before seeking professional assistance.

Lawn Mower

- **Mower does not start:**
 - Ensure the battery is fully charged and properly inserted.
 - Verify the safety key is fully inserted.
 - Check that the bail switch is fully engaged.
- **Poor cutting performance:**
 - The blade may be dull; consider sharpening or replacing it.
 - Adjust the cutting height to suit the grass conditions.
 - Avoid mowing wet or excessively tall grass.

Electric Blower

- **Blower does not start:**
 - Ensure the power cord is securely plugged into a working outlet and the extension cord (if used) is rated for outdoor use and proper gauge (14 gauge recommended).
 - Check the ON/OFF switch position.

SPECIFICATIONS

Sun Joe 24V-MJ14C Cordless Lawn Mower

Feature	Detail
Brand	Sun Joe
Model Number	MJ14C
Power Source	Battery Powered (24V)
Motor	600 W Brushless Motor
Blade Material	Durable Steel
Cutting Width	14 Inches
Height Adjustment	3-position (1.18" to 2.52")
Grass Bag Capacity	10.6 Gallons
Approx. Run Time	Up to 80 minutes (with 4.0 Ah battery)
Approx. Charge Time	2 hours 40 minutes
Color	Green

Sun Joe SBJ597E All Purpose Electric Blower



6-AMP MOTOR

Image: The Sun Joe SBJ597E Electric Blower, highlighting its 6-amp motor.

Feature	Detail
Brand	Sun Joe
Model Number	SBJ597E
Power Source	Electric (Corded)
Motor	6-Amp
Air Speed (Max)	155 MPH
No Load Speed	14,000 RPM
Weight	3.9 lbs
Color	Green

WARRANTY AND SUPPORT

For detailed warranty information, product registration, or further assistance, please refer to the official user manual or contact Sun Joe customer support.

You can download the full User Manual (PDF)[here](#).

For direct support, visit the [Sun Joe Store on Amazon](#) or their official website.

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